

Title (en)

BEARING SUPPORT WITH FRANGIBLE TABS

Title (de)

LAGERTRÄGER MIT ZERBRECHLICHEN LASCHEN

Title (fr)

SUPPORT DE PALIER AVEC LANGUETTES FRANGIBLES

Publication

EP 3851689 B1 20231206 (EN)

Application

EP 21151902 A 20210115

Priority

US 202016743520 A 20200115

Abstract (en)

[origin: EP3851689A1] A gas turbine engine (10) has: an engine shaft (20) rotatable about a rotation axis (11); at least two bearings (24) spaced apart from one another along the rotation axis (11), the at least two bearings (24) having inner races (24a) for rotation with the engine shaft (20), outer races (24b), and rolling elements (24c) disposed radially between the inner races (24a) and the outer races (24b); a bearing support (42) extending axially along the rotation axis (11) from one of the at least two bearings (24) to the other, the bearing support (42) secured to both of the outer races (24b) of the at least two bearings (24), the bearing support (42) secured to a structural case (36) of the gas turbine engine (10) via frangible tabs (42e).

IPC 8 full level

F16C 19/54 (2006.01); **F16C 35/04** (2006.01); **F16C 35/077** (2006.01)

CPC (source: EP US)

F01D 25/162 (2013.01 - US); **F16C 19/26** (2013.01 - US); **F16C 19/54** (2013.01 - EP); **F16C 33/58** (2013.01 - US); **F16C 35/042** (2013.01 - EP); **F16C 35/077** (2013.01 - EP); **F16C 35/042** (2013.01 - US); **F16C 35/077** (2013.01 - US); **F16C 2360/23** (2013.01 - EP US)

Citation (examination)

US 2013163911 A1 20130627 - ANTUNES SERGE LOUIS [FR], et al

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DOCDB simple family (publication)

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DOCDB simple family (application)

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